



New Patent Application  
Docket No. 32860-000619/US

Abstract of the Disclosure

~~Method for processing raw magnetic resonance data,  
magnetic resonance tomography unit and magnetic  
resonance spectroscopy unit~~

A method is for producing a map from raw magnetic resonance data from a magnetic resonance tomography unit—(1)—or a spectrum from raw magnetic resonance data from a magnetic resonance spectroscopy unit. The method —involves the raw data being filtered, preferably using a high pass filter and using a low pass filter. Next, the two absolute values of the filtered, Fourier transformed raw magnetic resonance data are used to produce the map or the spectrum by means of a weighted combination. The method is distinguished in that the signal to noise ratio can be improved together with an increase in the edge sharpness.

~~Figure 1~~